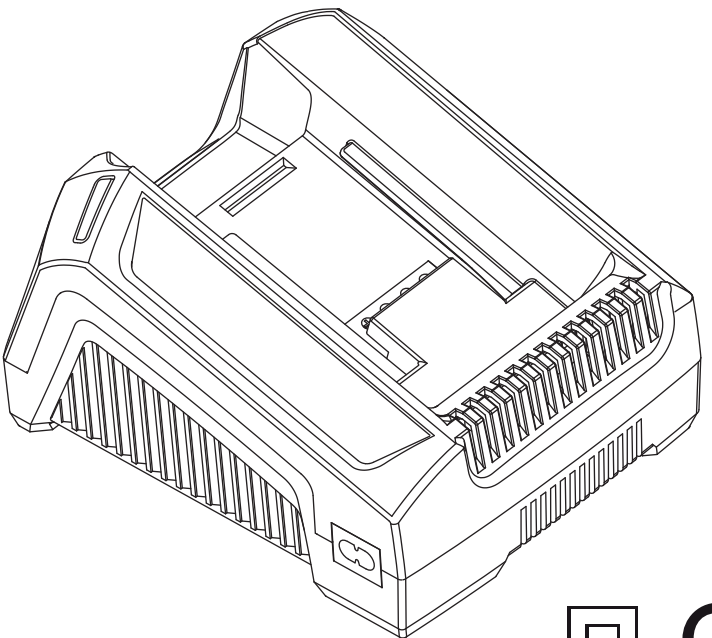
BCL3620

36 VOLT
LITHIUM-ION BATTERY CHARGER

OPERATOR'S MANUAL (Original Instructions)



Important! It is essential you read the instructions in this manual before starting and operating this machine.

Subject to technical modifications.

English (Original Instructions)

INTENDED USE

This charger is only intended to charge Ryobi battery pack BPL3626, see specification table for details.

SAFETY INSTRUCTIONS

This appliance is not intended for use by persons (including children) who may not be comepletely capable, or who may lack experience, knowledge and common sense necessary to operate the appliance safely. Children should be supervised to ensure that they do not play with the appliance.

⚠ WARNING

When using the battery charger, the following basic safety precautions should be observed for protection against electric shock, danger of injury and burns.

Please read and observe these instructions before using the device.

- This charger is only to be used INDOORS under dry conditions.
- This charger is not intended to charge any other type of battery and should never be used in explosive or inflammable environments.
- Non-rechargeable batteries cannot be charged with this battery charger.
- To protect against the risk of electrical shock, do not immerse the unit, cord or plug in water or other liquid.
- Before using the device check that the mains cord and mains plug are not damaged.
- The device must not be damp, and it should not be used in a damp environment.
- Do not use the device if it has suffered any heavy shock or jolting, or is damaged in any other way.
- Due to the heat generated during charging, the battery charger should not be operated on a combustible surface/in an inflammable environment.
- Do not cover the ventilating slits.
- Never disassemble the device yourself. Danger of an electric shock or fire could be caused by improper reassembly.
- When the appliance is not in use and before cleaning and maintenance, unplug the appliance from the outlet.
- During charging, the battery pack with charger must be placed in a well ventilates area. Malfunction during charging can be caused by storing and operating in places where the temperature exceeds +40°C; this should be avoided. Battery charging in closed cupboards, near heat sources (radiators, bright sunshine) etc. causes heat to accumulate and can damage the device.
- If the battery is not going to be used for a longer period, pull the battery off the battery charger and pullout the mains plug.
- Protect battery contacts to avoid a short circuit caused by a metallic object that can cause a fire or explosion!
- Do not rivet or screw any name-plates or signs onto the device. The protective insulation can thereby be rendered ineffective. Adhesive labels are recommended.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

⚠ WARNING

Do not insert any object into the ventilation slots or charging connector. This can cause damage to the appliance and may increase the risk of personal injury and property damage.

⚠ WARNING

Never allow the charger to be modified in any way unless at an authorised service centre. This may increase the risk of serious personal injury or property damage.

⚠ WARNING

Damage to property/material. Mains voltage must correspond with the voltage.

ASSEMBLY (SEE FIG. 3)

Insert the provided power cord into charger socket before charging.

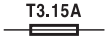
DESCRIPTION

1. BCL3620 charger
2. Charger socket
3. Indicator LED
4. Battery port
5. "Key hole" hanger
6. Depress latches to remove battery pack
7. Power cord

English (Original Instructions)

SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	DESIGNATION / EXPLANATION
	Precautions that involve your safety.
V	Voltage
	Direct current- Type or a characteristic of current.
	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Class II: Protection against electric shock rely on double insulation or reinforced insulation.
	Time-lag type fuse
	INDOOR use only
	Recycle unwanted
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.
	CE Confirmity

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER:	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING:	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION:	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION:	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SPECIFICATIONS

Battery pack	BPL3626
Voltage	36V
Charger input	220V-240V, 50Hz-60Hz AC only
Battery capacity	2.6Ah
No. of cell for battery	20
Maximum charging time (BCL3620)	100 minutes
Quick recharge (1 hour)	

OPERATION

⚠ WARNING

Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

⚠ WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

⚠ WARNING

Never operate the charger where there is a possibility of inflammable or explosive gasses or vapour. Keep well away from petroleum, paint and cleaning supplies and gas fired heating systems.

⚠ WARNING

Charge in a well ventilated area. Do not block charger vents. Keep them clear to allow proper ventilation.

CHARGING THE BATTERY PACK

Battery packs are shipped in a low charge condition to prevent possible problems. Therefore, you should charge them until the LED on the front of the charger glows green constantly.

CHARGING A HOT BATTERY PACK

When using a tool continuously, the batteries in the battery pack will become hot. You should let a hot battery pack cool down for approximately 30 minutes before attempting to recharge.

NOTE: This situation only occurs when continuous use of a tool causes the batteries to become hot. It does not occur under normal circumstances. Refer to CHARGING A COOL BATTERY PACK for normal recharging of batteries. If the charger does not charge your battery pack under normal circumstances, return both the battery pack and charger to your nearest Authorized Service Center for electrical check.

CHARGING A COOL BATTERY PACK

If the charger does not charge the battery pack under normal circumstances, return both the battery pack and charger to your nearest Authorized Service Center for electrical check.

- Only charge the Ryobi battery pack BPL3626 with this charger.
- Make sure the power supply is normal household voltage, 220V-240V, 50Hz-60Hz, AC only.
- Make sure the battery pack latch snaps into place and the battery pack is secured in the charger before beginning operation.
- Make sure the power cord is fully seated in the charger socket.
- Connect the charger to the power supply.
- Place the battery pack in the charger aligning raised rib on the battery pack with the groove in the charger.
- Slide in the battery pack to be sure contacts on the battery pack engage properly with contacts in the charger.

NOTE: After charging is complete, the charger LED will remain on with green color until the battery pack is removed from the charger or charger is disconnected from the power supply.

- The battery pack will become a lightly warm to the touch while charging. This is normal and does not indicate a problem.
- Do not place the charger and battery pack in an area of extreme heat or cold. They will work best at normal room temperature.

NOTE: The charger and battery pack should be placed in a location where the temperature is more than 10°C but less than 38°C.

- When batteries become fully charged, unplug the charger from the power supply and remove the battery pack.
- To remove the battery pack from the charger, depress the battery pack latch.

BATTERY PROTECTION FEATURES

Ryobi 36 V lithium-ion batteries are designed with features that protect the lithium-ion cells and maximize battery life. If the tool stops during use, release the trigger to reset and resume operation. If the tool still does not work, the battery needs to be recharged.

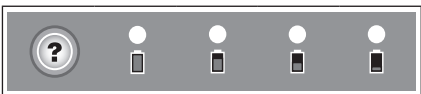
⚠ WARNING

If at any point during the charging process none of the LEDs are lit, remove the battery pack from the charger to avoid damaging the product. DO NOT insert another battery. Return the charger and battery to your nearest service center for service or replacement.

CHARGER LED FUNCTIONS

LED INDICATOR		BATTERY PACK	LED		ACTION
			Red color	Green color	
	Power	Without battery pack	ON	/	Ready to charge battery pack.
	Evaluate	Hot battery pack	Flashing	/	When battery pack reaches cooled temperature, charger begins fast charge mode.
	Evaluate	Cold battery pack	Flashing	/	When battery pack reaches warmed temperature, charger begins fast charge mode.
	Evaluate	Deeply discharged	Flashing	/	Charger pre-charges battery until normal voltage is reached, then begins fast charge mode.
	Defective	Defective	Flashing	Flashing	Battery pack or charger is defective.
	• If the defective LED status repeats a second time, try charging a different battery. • If a different battery charges normally, dispose of the defective pack (see Maintenance section). • If a different battery also indicates "Defective," the charger may be defective.				
	Charging	Fast charging	/	Flashing	—
	Full	—	/	ON	Fast charging is complete; charger maintains charge mode.

BATTERY PACK LED INDICATION DESCRIPTIONS IN CHARGING PROCESS

					Status
	Off	Off	Off	Flashing	In charging process, battery pack capacity is lower than 25%
	Off	Off	Flashing	On	In charging process, battery pack capacity is between 25%-50%.
	Off	Flashing	On	On	In charging process, battery pack capacity is between 50%-75%.
	Flashing	On	On	On	In charging process, battery pack capacity is between 75%-100%.
	On	On	On	On	Full charged
	Off	Off	Off	Off	One minute after full charge, all LEDs are off, charger LED is on with green color.

MAINTENANCE AND REPAIR

There are no user serviceable parts or adjustments inside the battery or charger. Both should be returned to an authorised service centre for specialised attention.

⚠ WARNING

Risk of injury. Service, testing and repairs should only be carried out by authorised service centres. We recommend our customer service department or authorised service centres.

CLEANING THE CHARGER

⚠ WARNING

Unplug the charger power cord from power supply before cleaning at any time to prevent serious personal injury.

- Clean the charger surface (except labels) using a damp cloth with a mild detergent.
- Do not use any strong detergents on the plastic housing. They can be damgaed by certain aromatic oil such as pine and lemon, and by solvents such as kerosene.
- Moisture can cause a shock hazard. Wipe off any moisture with a soft dry cloth.
- Use a small brush or the air discharge of a small vacuum cleaner brush to clean the air vents on the charger.
- Keep the air vents free of obstructions.

STORAGE

Store your charger in a cool dry place between 10-25 °C. It is not recommend to leave it in a vehicle during hot or cold conditions. Ensure no metal filings or swarf can fall into the vents during storage, as this may cause serious injury when it is next used.

ENVIRONMENTAL PROTECTION

DISPOSAL: Do not dispose of this product as unsorted municipal waste. Separate collection of such waste for special treatment is necessary.

Recycle raw materials instead of disposing as waste. The machine, accessories and packaging should be stored for environmentally friendly recycling.

LIMITED WARRANTY

TTI warrants this outdoor product to be free of defects in material or workmanship for 24 months from the date of purchase by the original purchaser, subject to the limitations below. Please keep your invoice as proof of date of purchase.

This warranty is only applicable where the product is used for personal and non-commercial purposes. This warranty does not cover damage or liability caused by / due to misuse, abuse, accidental or intentional acts by user, improper handling, unreasonable use, negligence, failure by end user to follow operating procedures outlined in the user's manual, attempted repair by non-qualified professional, unauthorized repair, modification, or use of accessories and/or attachments not specifically recommended by authorized party.

This warranty does not cover belts, brushes, bags, bulbs or any part which ordinary wear and tear results in required replacement during warranty period. Unless specifically provided under applicable law, this warranty does not cover transportation cost or consumable items such as fuses.

This limited warranty is void if the product's original identification (trade mark, serial number, etc.) markings have been defaced, altered or removed or if product is not purchased from an authorized reseller or if product is sold AS IS and / or WITH ALL FAULTS.

Subject to all applicable local regulations, the provisions of this limited warranty are in lieu of any other written warranty, whether express or implied, written or oral, including any warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL WE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES. OUR MAXIMUM LIABILITY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

This warranty is valid only in the European Union, Australia and New Zealand. Outside these areas, please contact your authorized Ryobi dealer to determine if another warranty applies.

EC DECLARATION OF CONFORMITY

Name: Techtronic Outdoor Products Technology Limited
Address: C/O TTI, 24/F, CDW Building, 388 Castle Peak Road, Tsuen Wan, N.T., Hong Kong.
Name and address of the person authorised to compile the technical file:
Name: Simon Del-Nevo (Director of Outdoor Power Equipment)
Address: Techtronic Industries Europe, Middle East and Africa, Medina House, Field House Lane, Marlow, Bucks. SL7 1TB - United Kingdom

Herewith we declare that the product

Category	36 VOLT LITHIUM-ION BATTERY CHARGER
Model	BCL3620
Serial number	See product rating label
Year of Construction	See product rating label

- is in conformity with the relevant provisions of the Machinery Directive (2006/95/EC; 2004/108/EC)

And furthermore, we declare that
- the following (parts/clauses of) European harmonised standards have been used
  EN60335-1; EN60335-2-29; EN 61000-3-2, EN 61000-3-3, EN 55014-1, EN 55014-2

Place, date: Hong Kong, 30/11/2010

Signature: Andrew John Eyre (BEng, CEng, MIET)
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